

IN THE CLAIMS

Claims 1, 4, 8 and 10-12 are pending.

Claim 1. (Canceled)

Claim 4. (Canceled)

Claim 8. (Canceled)

Claims 10-12. (Canceled)

13. (New) A dual wire stator coil for a brushless direct current (DC) motor radiator fan, the dual wire stator coil having at least two enamel wires co-axially wound together, wherein the at least two enamel wires are connected in such a way that a uni-coil and a dual coil winding are selectively formed, wherein the winding is connected with a drive IC that outputs alternating current to the winding, wherein the drive IC further connects to a Hall IC that is intended to monitor magnetic variation of the stator coil.

14. (New) The dual wire stator coil as claimed in claim 13, wherein each of the at least two enamel wires has opposite first and second ends extending out from the dual wire stator, wherein the two enamel wires have their first and second ends connected in series so as to form the uni-coil winding.

15. (New) The dual wire stator coil as claimed in claim 13, wherein each of the at least two enamel wires has opposite first and second ends extending out from the dual wire stator, wherein the two enamel wires have their first and second ends connected in parallel so as to form the uni-coil winding.

16. (New) The dual wire stator coil as claimed in claim 13, wherein each of the at

lest two enamel wires has opposite first and second ends extending out from the dual wire stator, wherein the two enamel wires have their first and second ends connected in series so as to form the dual coil winding that has three terminal ends respectively connected with two output ends of the drive IC and a DC power source.